

ERP PROJECTS TRACKING TABLE

Bay Region (41 projects)

Channel Dynamics and Sediment Transport

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-01-N07	Sedimentation in the Delta and Suisun Bay	US Geological Survey	Suisun Marsh & North San Francisco Bay	\$1,367,684			

Ecosystem Water & Sediment Quality

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-98-B09	IPM Partnership to Improve Water Quality in Suisun Bay and Local Creeks	Central Contra Costa Sanitary District	Suisun Bay & Marsh	\$266,000	\$266,000	\$179,147	Scripted and filmed training video. Trained Master Gardeners, which held 14 "Gardening the Less-Toxic Way" workshops.
ERP-99-B10	Species & Community Profiles of the SF Bay Area Wetlands Ecosystem Goals Project	Friends of the San Franciso Estuary	Petaluma River	\$45,320	\$0	\$44,402	Contract awarded 9/21/00. Work already is progress.
ERP-99-N07	Chronic Toxicity of Environmental Contaminants in Sacramento Splittail - A Biomarker Approach	UC Davis	Suisun Bay & Marsh	\$673,684	\$673,684	\$0	Contract signed 1/00.

Environmental Education

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-01-N34	Estuary Action Challenge Environmental Education Project	Earth Island Institute	Suisun Marsh & North San Francisco Bay	\$50,000			
ERP-01-N37	Environmental Stewardship Educational Conferences and Tours	Committee for Sustainable Agriculture	Suisun Marsh & North San Francisco Bay	\$48,500			
ERP-01-N39	Adopt-A-Watershed Leadership Institute	Adopt-A-Watershed	Suisun Marsh & North San Francisco Bay	\$592,884			

Fish Screens and Passage

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-95-M07	Fish Screen Construction	Suisun RCD	Suisun Bay & Marsh	\$450,000	\$450,000	\$450,000	Project Completed.
ERP-96-M08	Fish Screen Construction (Phase 2 - Install Additional Screens)	Suisun RCD	Suisun Bay & Marsh	\$500,000	\$500,000	\$237,725	Negotiations stayed pending USFWS decision on project priorities.
ERP-98-B23	Steelhead and Chinook Salmon Fish Passage Barrier Remediation on the Guadalupe River	Natural Heritage Institute	Central and South San Francisco Bay	\$178,200	\$178,200	\$0	Contract executed 8/28/00. Project completed. Final report expected by 10/31/00. Funds will be expended by 12/31/00.

Local Watershed Stewardship

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-98-E01	Napa River Watershed	Napa County RCD	Napa River	\$252,000	\$252,000	\$252,000	Project completed 5/00.
ERP-98-E02	Sonoma Creek Watershed Enhancement Plan Phase II	Southern Sonoma County RCD	Sonoma Creek	\$302,000	\$302,000	\$168,419	Project continuing. Continuing studies
ERP-98-E04	Petaluma River Watershed Restoration Program	Southern Sonoma County RCD	Petaluma River	\$220,000	\$220,000	\$59,554	Coordinator reaching out to landowners regarding erosion & animal wastes. Work continues on Capri Creek as well as Creek Care Guide.
ERP-98-E07	Local Watershed Stewardship: Steelhead Trout Plan	Friends of Corte Madera Creek Watershed	Central and South San Francisco Bay	\$47,500	\$47,500	\$41,626	Fisheries resources conditions of the Corte Madera Creek Watershed Report complete.

ERP-98-E08	Cold Water Fisheries and Water Quality Element	City of San Jose	Central and South San Francisco Bay	\$200,000	\$200,000	\$0	EPA executed a cooperative agreement with NFWF in February to manage these 14 watershed projects. A NFWF subagreement is expected. Contract sent to contractor 11/29/99.
ERP-98-E17	Alhambra Creek Watershed CRMP Program	Contra Costa RCD	Suisun Bay & Marsh	\$138,500	\$138,500	\$56,572	Watershed Plan objectives approved by planning group. Stream inventory data being processed.
ERP-99-N20	Napa River Watershed Stewardship Year 2	Napa County RCD	Napa River	\$191,100	\$191,100	\$78,078	Contract signed 6/13/00, no invoices.
ERP-00-E04	Sonoma Creek Watershed Conservancy	Southern Sonoma County RCD	Sonoma Creek	\$438,923	\$438,923	\$0	Contract executed 5/25/00.
ERP-01-N27	Sonoma Creek Watershed Conservancy, 2001-2003	Southern Sonoma County RCD	Sonoma Creek	\$545,170			
ERP-01-N29	Kirker Creek Watershed CRMP Program	Contra Costa RCD	Suisun Bay & Marsh	\$198,450			

Nonnative Invasive Species

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-C07	Preventing Exotic Introductions from Ballast Water	UC Sea Grant Extension Program	Central and South San Francisco Bay	\$222,830	\$222,830	\$49,920	Two newsletters completed, two video-conference ballast forums held. Project website operational (http://ballast-outreach-ucsgep.ucdavis.edu)
ERP-00-F09	Treating Ballast Water Discharges at Existing Municipal Wastewater Treatment Plants	San Francisco Estuary Institute	Central and South San Francisco Bay	\$122,014	\$122,014	\$0	Contract executed 7/6/00
ERP-00-F10	Determining the Biological, Physical and Chemical Characteristics of Ballast Water Arriving in San Francisco Bay	San Francisco Estuary Institute	Central and South San Francisco Bay	\$387,182	\$387,182	\$0	Contract executed 7/6/00
ERP-01-N05	Invasive Spartina Project (ISP)	California Coastal Conservancy	Suisun Marsh & North San Francisco Bay	\$1,793,661			

Shallow Water Tidal and Marsh Habitat

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-N16	Bay Point Shoreline Restoration Plan	East Bay Regional Park District	Suisun Bay & Marsh	\$185,000	\$185,000	\$117,438	Contract signed 8/21/98. Subcontract with consultant complete (plan), final negotiation of 2nd subcontract (design) underway.
ERP-97-N18	Cullinan Ranch Restoration	Ducks Unlimited, Inc.	Napa River	\$368,500	\$368,500	\$0	Contract executed 3/30/99. Monitoring ready to start.
ERP-97-N19	Tolay Creek Restoration	Ducks Unlimited, Inc.	Sonoma Creek	\$283,000	\$283,000	\$232,090	Contract and first task order approved by CALFED and signed 10/17/98. Construction complete, monitoring has begun.
ERP-98-B13	Napa River Wetlands Acquisition	Napa County Land Trust	Napa River	\$1,073,513	\$1,073,513	\$920,000	Executed 9/24/98.
ERP-98-C03	Hamilton Wetlands Restoration Planning	California Coastal Conservancy	Petaluma River	\$1,025,015	\$1,000,015	\$726,492	Completed the feasibility study, EIR/EIS, Hamilton Conceptual Restoration Plan. Bel Marin Keys feasibility study ongoing. Amendment for \$25,000 approved 9/99.
ERP-98-E03	Regional Wetlands Goals Project	San Francisco Estuary Institute	Petaluma River	\$76,000	\$76,000	\$76,000	Completed. Final report completed
ERP-98-F08	Hill Slough West Habitat Demonstration Project - Phase I	CA Dept of Fish & Game	Suisun Bay & Marsh	\$200,000	\$200,000	\$49,441	Interagency Advisory Team still being formed. RFP for survey consultant has been written/reviewed. Rest plan in progress. This project has been delayed and is slow in getting off the ground.
ERP-98-F13	Petaluma Marsh Expansion Project - Marin County	Marin Audubon Society	Petaluma River	\$352,135	\$352,135	\$0	Restoration agreement signed. Finalizing restoration design
ERP-98-F14	South Napa River Wetlands Acquisition and Restoration Program	Napa County Land Trust	Napa River	\$466,000	\$466,000	\$0	NEPA/CEQA document completed. Reviewing status of willing seller/possible termination of project if progress is not made in next few months.
ERP-98-F17	Benicia Waterfront Marsh Restoration - Phase I	City of Benicia	Suisun Bay & Marsh	\$59,000	\$59,000	\$32,577	Project complete. Awaiting final billings.

ERP-98-F22	Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay Ecological Zone	CSU Hayward	Suisun Bay & Marsh	\$772,667	\$772,667	\$490,000	Soil and marsh monitoring continues. Restoration work fully contracted and in progress. Actions taken to fully implement fish passage.
ERP-98-F23	South Napa River Tidal Slough and Floodplain Restoration Project	City of American Canyon	Napa River	\$1,490,000	\$1,455,000	\$85,000	Acquisition completed in September. Project complete.
ERP-99-B11	South Napa River Tidal Slough & Floodplain Restoration Project	City of American Canyon	Napa River	\$1,565,600	\$1,565,600	\$1,565,600	Contract executed 4/13/00.
ERP-01-N14	Hill Slough West Habitat Restoration Demonstration Project, Phase II	CA Dept of Fish & Game	Suisun Marsh & North San Francisco Bay	\$87,000			
ERP-01-N17	Suisun Marsh Property Acquisition & Habitat Restoration	CA Dept of Water Resources	Suisun Bay & Marsh	\$536,750			
ERP-01-N19	Ecological Monitoring of Tolay & Cullinan Ranch Tidal Wetlands Restoration	Ducks Unlimited, Inc.	Napa River	\$593,931			

Special Status Species

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-99-N05	Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	UC Davis	Suisun Bay & Marsh	\$148,627	\$148,637	\$32,897	Contract signed 1/00.

Delta & East Side Tributaries Region (70 projects)

Channel Dynamics and Sediment Transport

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-97-B02	Sedimentation Movement and Availability and Monitoring in the Delta	US Geological Survey	Sacramento-San Joaquin Delta	\$1,047,010	\$1,047,010	\$788,810	Contract executed 3/16/98 for \$587,000. Contract executed 5/21/98 for \$460,000. No-cost Amendment to extend agreement 9 mos to 6/30/01. Project progressing.
ERP-97-N11	In-Channel Island Restoration/Demonstration	Association of Bay Area Governments	Sacramento-San Joaquin Delta	\$270,270	\$270,270	\$268,614	Contract signed 7/15/98. Plan Complete.
ERP-98-B08	Cache Slough Habitat Enhancement	RD 2060	North Delta	\$85,000	\$85,000	\$11,685	Contract executed 9/7/99. Topographic survey completed.
ERP-99-N06	Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management	UC Davis	Cosumnes River	\$1,546,016	\$1,546,016	\$0	Contract signed 1/00.

Ecosystem Water & Sediment Quality

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-97-C05	Effects of Wetlands Restoration on Methyl Mercury Levels	UC Davis	Sacramento-San Joaquin Delta	\$546,171	\$546,171	\$175,800	Completed purchase of mercury analyzer & have verified analytical methods. Field sampling & field sample analysis ongoing. Mercury methylation experiments ongoing.
ERP-97-C06	Contaminant Effects on Smelt	UC Davis	Sacramento-San Joaquin Delta	\$437,326	\$437,326	\$75,468	Archived smelt analysis started. Sampling conducted in cooperation w/ IEP & analysis of samples started.
ERP-97-N09	Monitoring of Delta Contaminants	San Francisco Baykeeper	Sacramento-San Joaquin Delta	\$100,000	\$100,000	\$55,742	Contract signed 9/18/98. Monitoring has begun.
ERP-98-B07	Evaluation of Selenium Sources, Levels, and Consequences in the Delta	US Geological Survey	Sacramento-San Joaquin Delta	\$1,627,117	\$1,627,117	\$1,410,699	Determining contribution of Se to the Bay-Delta from rivers et al - 80% complete; Biomonitoring selected prey species - 75% complete; Bioaccumulation of different forms of Selenium - 70% complete; models - 40% complete. Amend for \$38,117 approved 7/99.
ERP-98-C09a	Delta Dredging Reuse Strategy	CA Dept of Fish & Game	Sacramento-San Joaquin Delta	\$24,000	\$24,000	\$2,410	Technical Advisory Panel has been meeting.
ERP-98-C09b	Delta Dredging Reuse Strategy	CA Dept of Fish & Game	Sacramento-San Joaquin Delta	\$276,000	\$276,000	\$0	Work on collecting and evaluating Delta sediment data ongoing.

ERP-98-C09c	Delta Dredging Reuse Strategy	RWQC	Sacramento-San Joaquin Delta	\$200,000	\$200,000	\$26,882	Work on collecting and evaluating Delta sediment data ongoing.
ERP-99-B17	Dissolved Organic Carbon Release from Delta Wetlands, Part 1	US Geological Survey	Sacramento-San Joaquin Delta	\$1,434,449	\$1,434,449	\$0	Contract executed 8/21/00. Work progressing.
ERP-01-N20	Transport, Transformation & Effects of Se and C in the Delta: Implications for ERP	US Geological Survey	East Delta	\$2,600,000			
ERP-01-N21	Large-Scale Pilot Demonstration of Passivation Technology For Restoration of Newton Copper Mine	University of Nevada	Eastside Delta Tributaries	\$60,000			

Environmental Education

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-B34	Discover the Flyway	Yolo Basin Foundation	North Delta	\$49,000	\$49,000	\$22,510	Expanded program by 2000 students per year.
ERP-98-B38	Stone Lakes Water Hyacinth Education Program	Sacramento Regional County Sanitation District	North Delta	\$9,600	\$9,600	\$6,678	Executed 4/29/99. 100% complete. Invoice approved for \$3,000 8/23/00; close out memo sent forward 9/28/00.
ERP-01-N38	Delta Studies Program: San Joaquin County Schools	San Joaquin County	Sacramento-San Joaquin Delta	\$306,291			

Fish Screens and Passage

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-M06	Hastings Tract Screen Feasibility Study	Hastings Island Land Company	North Delta	\$27,000	\$0	\$0	Final contract pending approval by Hastings Island Co.
ERP-98-B11	Woodbridge Fish Screen and Passage	Woodbridge Irrigation District	Mokelumne River	\$1,575,000	\$1,575,600	\$726,395	EIR/EIS certification expected by 9/00. Engineering work 25-30% complete on fish passage and weir facilities. Time extension to 10/15/01.
ERP-98-B25	Cosumnes River Salmoid Barrier Program Fishery	Fishery Foundation of California	Cosumnes River	\$188,255	\$188,255	\$116,954	Permits obtained. Received approval from landowners to proceed with construction, completed engineering plans and project designs. Construction will begin 8/00.
ERP-98-B27	Hastings Tract Fish Screen Phase II: Construction	Hastings Island Land Company	North Delta	\$271,250	\$0	\$0	Agreement awarded. Start date for this Phase II is 1/1/01.
ERP-98-C16	Developing a Methodology to Accurately Simulate Entrainment of Fish	CA Dept of Fish & Game	Sacramento-San Joaquin Delta	\$200,000	\$200,000	\$0	Bids received for pump and water combination.
ERP-98-R01	Small Diversion Fish Screen Program	Natural Resources Conservation Service	Sacramento-San Joaquin Delta	\$900,000	\$900,000	\$24,070	Funds will be used to complete existing projects. New projects will be recruited through NRCS process.
ERP-01-N57	Lower Mokelumne River Restoration Program - Phase 2	Woodbridge Irrigation District	Mokelumne River	\$680,000			
ERP-01-N59	Stockton East Water District and Calaveras County Water District Fish Screen Facilities - Calaveras River	Stockton East Water District and Calaveras County Water District	Eastside Delta Tributaries	\$670,000			

Fishery Assessment

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M27	North Delta Area - Juvenile Salmon Rearing	CSU Sacramento	North Delta	\$24,500	\$24,500	\$19,048	Project completed 11/15/99.
ERP-98-C02	Culture of Delta Smelt	UC Davis	Sacramento-San Joaquin Delta	\$194,870	\$194,870	\$194,870	Project complete. Final report completed.
ERP-00-B03	Culture of Delta Smelt Phase II & III	UC Davis	Sacramento-San Joaquin Delta	\$576,229	\$1,908	\$116,365	Contract being prepared.
ERP-01-N48	Juvenile Salmon Migratory Behavior Study in North, Central and South Delta	Natural Resource Scientists, Inc.	Sacramento-San Joaquin Delta	\$210,000			

ERP-01-N50	Food Resources for Zooplankton in the Sacramento-San Joaquin River Delta	UC Davis	Sacramento-San Joaquin Delta	\$576,422			
Flood Plains and Bypasses							
<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M13	Yolo Bypass - Habitat Restoration Study	CA Dept of Water Resources	North Delta	\$226,000	\$226,000	\$226,000	Field work completed. Final report pending.
ERP-98-B17	Cosumnes Floodplain Acquisition and Restoration	The Nature Conservancy	Cosumnes River	\$3,500,000	\$3,500,000	\$3,500,000	Properties acquired 12/98. Completed
ERP-98-F09	Rhode Island Floodplain Management and Habitat Restoration - Phase 1	CA Dept of Fish & Game	Central and West Delta	\$25,000	\$25,000	\$2,000	Project complete. Waiting for final bill.
ERP-98-F19	Cosumnes River Acquisition, Restoration Planning and Demonstration	The Nature Conservancy	Cosumnes River	\$750,000	\$750,000	\$18,406	Appraisal complete and approved. Contaminants survey complete and being reviewed by USFWS.
ERP-99-A01	Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species	Natural Heritage Institute	North Delta	\$912,309	\$912,309	\$12,226	Contract executed 9/28/99.
ERP-99-C01/C02	Cosumnes and Mokelumne Rivers Feasibility Study	The Nature Conservancy & East Bay MUD	Eastside Delta Tributaries	\$1,007,800	\$0	\$0	Contract not executed. Working with Corps to refine Project Study Plan (PSP). Waiting for completion PSP to finalize their role in implementing the plan.
ERP-01-N10	Cosumnes/Mokelumne Corridor Floodplain Acquisitions, Management, and Restoration Planning	The Nature Conservancy	Eastside Delta Tributaries	\$3,044,342			
Local Watershed Stewardship							
<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-B10	Inventory of Forest Road Systems, Cat Creek Watershed	US Forest Service	Cosumnes River	\$45,320	\$45,320	\$14,115	Updating road mapping. No cost time extension to 6/30/00.
ERP-98-E11	Yolo Bypass Watershed Restoration Strategy	Yolo Basin Foundation	North Delta	\$244,188	\$244,188	\$118,028	Project Team conducted three stakeholder meetings, researched funding for implementation, & researched basin hydrology.
ERP-98-E12	Proposal to Develop Local Watershed Stewardship Plan for the Lower Mokelumne River	San Joaquin County RCD	Mokelumne River	\$159,000	\$159,000	\$122,177	Draft & final Issues & Opportunities paper completed. 4th & 5th public outreach workshops completed. Work under this grant nearing completion.
ERP-99-N15	Lower Mokelumne Stewardship	San Joaquin County RCD	Mokelumne River	\$227,000	\$227,000	\$40,831	Contract under negotiation
ERP-01-N32	Watershed Stewardship in Marsh Creek: A Project to Protect Water Quality in the Western Delta	Natural Heritage Institute	Central and West Delta	\$126,000			
Natural Flow Regimes							
<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N01	The Influence of Flood Regimes, Vegetative and Geomorphic Structures on the Links between Aquatic & Terrestrial Systems	UC Davis	Eastside Delta Tributaries	\$2,521,236			
Nonnative Invasive Species							
<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-99-B18	Evaluation of Potential Impacts of Chinese Mitten crab on Benthic Communities in the Delta	CA Dept of Water Resources	Sacramento-San Joaquin Delta	\$152,233	\$147,799	\$16,292	Contract executed 12/21/99. Trial run conducted 4/10/00 and monitoring begun in late April, and also in May and June 2000.
Restoration of Multiple Habitats							
<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>

ERP-97-B03	Liberty Island Acquisition	US Fish and Wildlife Service	North Delta	\$8,926,000	\$8,926,000	\$8,885,125	Amendment approved in 1/99 for \$170,000 and in 7/99 for 179,000. Property acquired 9/99. Awaiting environmental documentation - in progress.
ERP-97-N14	Cosumnes Start-up Stewardship and Restoration	Wildlife Conservation Board	Cosumnes River	\$1,985,100	\$1,985,100	\$1,433,124	Contract signed 6/22/99. Property will be acquired.
ERP-98-F12	Stone Lakes NWR Land Acquisitions	US Fish and Wildlife Service	North Delta	\$2,622,500	\$2,622,500	\$2,122,500	Property acquired. Restoration to begin. Amendment for additional \$500,000 approved 11/99. Amendment for \$222,500 executed 1/19/00.
ERP-99-F04	McCormack-Williamson Tract Acquisition	The Nature Conservancy	East Delta	\$5,356,000	\$5,356,000	\$5,306,184	Property acquired 9/99. Meeting regularly with North Delta Improvement Group to determine feasible solutions to flooding issues.
ERP-00-F02	Canal Ranch Habitat Restoration Phase II	CA Dept of Fish & Game	Sacramento-San Joaquin Delta	\$135,940	\$135,940	\$0	Contract executed 7/6/00
ERP-00-F06	Liberty Island Acquisition and Restoration Phase I	US Fish and Wildlife Service	North Delta	\$2,701,734	\$2,701,734	\$0	Contract executed 7/21/00.
ERP-00-F07	McCormack-Williamson Tract Phase II Restoration Planning	CA Dept of Water Resources	Sacramento-San Joaquin Delta	\$365,650	\$365,650	\$0	Contract executed 7/6/00
ERP-00-F08	McCormack-Williamson Tract Phase II Monitoring Project	UC Davis	Sacramento-San Joaquin Delta	\$572,886	\$572,886	\$0	Contract executed 7/6/00

Riparian Habitat

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M09	Sherman Island - Levee Habitat Demonstration Project	CA Dept of Water Resources	Central and West Delta	\$480,000	\$480,000	\$76,266	Bids exceed budget. Steering Committee denied request for additional funding. Proponent evaluating next step.
ERP-97-N13	Tyler Island Levee Protection and Habitat Restoration Pilot Project	Habitat Assessment & Restoration Team, Inc	East Delta	\$885,202	\$885,202	\$630,747	Contract signed 7/22/98. Levee restoration and planting nearly complete, monitoring to begin.
ERP-99-F03	Restore Habitat on McCormack-Williamson Levees	The Nature Conservancy	East Delta	\$860,778	\$860,778	\$778	Contract executed 8/20/99. Amendment for add'l funds approved 1/11/00.

Shallow Water Tidal and Marsh Habitat

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M02	Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	CA Dept of Water Resources	North Delta	\$2,500,000	\$2,500,000	\$0	Env. Documentation completed. Cat III contract can be executed in near future. Total cost includes USBR purchase of land \$2,900,000.
ERP-96-M10	Research to Predict Evolution of Restored Diked Wetlands	University of Washington	Sacramento-San Joaquin Delta	\$575,172	\$575,172	\$283,658	Steering Committee approved additional \$100,172 for additional fisheries and bird field work. Project is 93% complete.
ERP-96-M26	Prospect Island - Develop Monitoring Plan	CA Dept of Water Resources	North Delta	\$35,000	\$35,000	\$35,000	Project Completed.
ERP-97-N12	Franks Tract Restoration	Moffat and Nichol Engineers	Central and West Delta	\$323,186	\$231,500	\$533,269	Contract signed 12/29/98. Budget amendment for \$16,500 approved 11/99 and \$75,186 approved in 3/00. 30% of design completed.
ERP-98-A01	Prospect Island Habitat Protection Project	US Army Corps of Engineers	North Delta	\$2,000,000	\$2,000,116	\$1,688,839	Project complete.
ERP-98-C01	Twitchell Island Subsidence Study	CA Dept of Water Resources	Central and West Delta	\$3,583,000	\$3,583,000	\$157,568	Fully executed 5/20/99. All subcontracts signed.
ERP-98-F16	Fern-Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project	L & L Farms	Central and West Delta	\$425,000	\$425,000	\$425,000	Project complete.
ERP-99-A02	Prospect Island Monitoring Project	CA Dept of Water Resources	North Delta	\$915,000	\$912,309	\$6,583	Contract being prepared

ERP-99-B13	Understanding Tidal Marsh Restoration Processes & Patterns	University of Washington	Sacramento-San Joaquin Delta	\$1,042,246	\$1,042,246	\$9,978	Contract executed 8/25/00.
ERP-01-N13	Phase II: Demonstration Project for the Protection and Enhancement of Delta In-Channel Islands (Construction & Monitoring)	Association of Bay Area Governments for the S.F. Estuary Project	Central and West Delta	\$928,150			
ERP-01-N15	Fay Island Restoration Project, Phase I	CA Dept of Fish & Game	Central and West Delta	\$744,148			
ERP-01-N18	Feasibility Study of the Ecosystem & Water Quality Benefits Associated with Restoration of Franks Tract, Big Break, and Lower Sherman Lake	CA Dept of Water Resources	Central and West Delta	\$1,218,105			

Uplands and Wildlife Friendly Agriculture

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M06	Cosumnes River Preserve (Valensin Ranch Acquisition)	The Nature Conservancy	Cosumnes River	\$1,500,000	\$1,500,000	\$1,500,000	Project Completed.
ERP-97-N10	Jepson Prairie Restoration and Conservation Plan	Solano County Farmlands Open Space Foundation	North Delta	\$244,801	\$244,801	\$86,126	Contract signed 1/29/99. Plans prepared and restoration underway. Amendment for \$801 approved 7/99.
ERP-01-N23	Staten Island Acquisition	The Nature Conservancy	Sacramento-San Joaquin Delta	\$35,110,873			

Entire Bay-Delta Watershed Region (51 projects)

Ecosystem Water & Sediment Quality

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-95-M06	Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds (BIOS)	Community Alliance with Family Farmers	Entire Bay-Delta Watershed	\$660,000	\$660,000	\$659,770	Year 2 of 3 year project. Final deliverables due 12/99.
ERP-96-M18	Determine Effects of Toxics	Phyllis Fox & Associates	Entire Bay-Delta Watershed	\$110,000	\$110,000	\$15,000	Steering Committee terminated project - agreement could not be reached on project scope.
ERP-97-B06	Assessment of Organic Matter in the Habitat and its Relationship to the Food Chain	US Geological Survey	Entire Bay-Delta Watershed	\$1,440,649	\$1,440,649	\$1,234,322	Contract executed 3/16/98 for \$517,000. Contract executed 7/22/98 for \$833,000. Project underway. Amendment for \$40,649 approved 1/99.
ERP-97-C12	Evaluation of Alternative Pesticide Use Reduction Practices	UC Davis	Entire Bay-Delta Watershed	\$1,113,781	\$957,781	\$122,130	First Draft of Alternative Practices Matrix complete. Alternative Practices Education/ Outreach and Field Studies of Alternative Practices ongoing. Awarded amount includes \$156,000 amendment.
ERP-97-N20	Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds	Community Alliance with Family Farmers	Entire Bay-Delta Watershed	\$1,680,631	\$1,680,631	\$1,523,297	Contract signed 7/20/98. Task 1-3 almost complete, transitioning to BIOS program.
ERP-98-C06	Water Quality Criteria for Chlorpyrifos and Diazinon	CA Dept of Fish & Game	Entire Bay-Delta Watershed	\$67,753	\$67,753	\$41,642	All toxicity tests and reports complete. Draft final report out for peer review 10/99. Final report due 3/31/00.
ERP-98-C07	Fathead Minnow Toxicity Study	Central Valley Regional Water Quality Control Board	Entire Bay-Delta Watershed	\$400,000	\$400,000	\$70,411	Subcontract with UCD for toxicity testing executed. Historical Fathead Minnow toxicity dates summarized.
ERP-98-C08	Algae Toxicity Study	Central Valley Regional Water Quality Control Board	Entire Bay-Delta Watershed	\$500,000	\$500,000	\$324,000	Subcontract with UCD for toxicity testing executed. Draft summary report on existing algae toxicity data completed. Four months baseline toxicity monitoring completed.
ERP-99-B06	Assessment of Ecological and Human Health Impacts of Mercury in the Bay-Delta Watershed	CSU San Jose	Entire Bay-Delta Watershed	\$4,164,000	\$4,164,000	\$750,000	Contract executed 9/30/99, amendment approved 5/17/00 for additional \$364,000. Sub contracts executed for project.

ERP-99-N08	Assessment of Pesticide Effects on Fish & Their Food Resources in the Sacramento/San Joaquin Delta	UC Berkeley	Entire Bay-Delta Watershed	\$1,586,894	\$0	\$56,871	Contract signed 4/4/00, no invoice.
ERP-00-G01	Dissolved Organic Carbon Release - Delta Wetlands Part 2	US Geological Survey	Entire Bay-Delta Watershed	\$1,030,000	\$1,030,000	\$0	Contract executed 8/21/00
ERP-01-N22	Rainbow Trout Toxicity Monitoring: An Evaluation of the Role of Contaminants on Anadromous Salmonids	Central Valley Regional Water Quality Control Board	Entire Bay-Delta Watershed	\$530,000			

Environmental Education

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-B31	Traveling Film Festival/Heron Booth/Video Archive	Independent Documentary Group	Entire Bay-Delta Watershed	\$54,000	\$54,000	\$54,000	Exhibits in several locations have occurred.
ERP-98-B32	Environmental Agriculture Conferences and Field Tours	Committee for Sustainable Agriculture	Entire Bay-Delta Watershed	\$28,000	\$28,000	\$28,000	Two conferences held
ERP-98-B36	Bay-Delta Environmental Restoration Education Program	Water Education Foundation	Entire Bay-Delta Watershed	\$40,000	\$40,000	\$32,206	23 reporters taken on tour.
ERP-98-B39	Water Challenge 2010	US Army Corps of Engineers	Entire Bay-Delta Watershed	\$64,500	\$64,500	\$3,000	Executed 3/5/99.
ERP-99-B20	Sacramento River Discovery Center	Sacramento River Discovery Center	Entire Bay-Delta Watershed	\$39,552	\$39,552	\$7,549	Contract executed 2/25/99. Amendment executed 2/24/00. Final invoice of \$7,548.95 received for final approval and close out.
ERP-99-B21	Estuary Action Challenge Environmental Education Project	Earth Island Institute	Entire Bay-Delta Watershed	\$51,500	\$51,500	\$12,313	Contract executed 1/21/00.
ERP-99-B22	Water Challenge 2010 Exhibit	US Army Corps of Engineers	Entire Bay-Delta Watershed	\$52,015	\$52,015	\$3,000	Contract executed 12/10/99
ERP-99-B24	Traveling Film Festival Exhibit	Independent Documentary Group	Entire Bay-Delta Watershed	\$51,500	\$51,500	\$17,418	Contract executed 12/10/99
ERP-99-B26	1999/2000 Bay-Delta Education Program	Water Education Foundation	Entire Bay-Delta Watershed	\$33,269	\$32,300	\$0	Contract executed 2/25/99; amendment executed 10/3/00 for time extension thru 11/30/00. Expect final invoice and close out by 12/00.
ERP-99-B27	Watershed Educational Training	Colusa County RCD	Entire Bay-Delta Watershed	\$13,390	\$13,263	\$2,802	Contract executed 10/22/99.
ERP-01-N36	Traveling Film Festival/San Joaquin River Oral History Film	Independent Documentary Group	Entire Bay-Delta Watershed	\$216,550			
ERP-01-N41	Bay-Delta Learning Initiative	Water Education Foundation	Entire Bay-Delta Watershed	\$126,668			

Fish Screens and Passage

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M23	Innovative Fish Screen for Small Diversions Demonstration Project	Jim Buell & Associates	Entire Bay-Delta Watershed	\$90,000	\$90,000	\$51,773	Project will be completed excluding trask of on-farm screen testing due to liability issue (esa).
ERP-98-N02	Expanding California Salmon Habitat to Alter Dams and Diversions	Institute for Fisheries Resources	Entire Bay-Delta Watershed	\$49,000	\$49,000	\$31,876	Contract signed 3/12/99. Subcontract approved.
ERP-99-N02	Fish Treadmill Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fishes	UC Davis	Entire Bay-Delta Watershed	\$823,000	\$0	\$0	Contract signed 1/00.

Fishery Assessment

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
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ERP-95-M08	Winter-run Chinook Salmon Captive Broodstock Program	CA Dept of Water Resources	Entire Bay-Delta Watershed	\$300,000	\$300,000	\$284,000	Project Completed.
ERP-96-M11	Applied Research to Identify Chinook Salmon Runs via Genetics	CA Dept of Water Resources	Entire Bay-Delta Watershed	\$450,000	\$450,000	\$0	Project is underway. DWR Subcontracted with UC Davis for 3yr contract. Contractor has submitted 4 progress reports and several invoices approved by DWR and paid. Final report due 6/2000.
ERP-98-B15	Evaluation of Tagging Data	Northwest Marine Technology Inc	Entire Bay-Delta Watershed	\$672,600	\$672,600	\$368,563	Mass marking demonstration machine is fully operational and will be available for planned work in the Sacramento Valley Feb 2001. Amendment for \$9,500 in 9/99 and \$38,100 in 11/99.
ERP-98-C15	Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	UC Davis	Entire Bay-Delta Watershed	\$241,000	\$241,000	\$64,657	Work on all tasks ongoing.
ERP-99-N12	Central Valley Steelhead Genetic Evaluation	CA Dept of Fish & Game	Entire Bay-Delta Watershed	\$70,636	\$0	\$0	Contract executed 4/7/00
ERP-99-N13	Development of a Comprehensive Implementation Plan for a Statistically Designed Marking & Recovery Plan	CA Dept of Fish & Game	Entire Bay-Delta Watershed	\$74,951	\$0	\$0	Contract executed 4/11/00
ERP-00-B06	Biological Assessment of Green Sturgeon, Phase II	UC Davis	Entire Bay-Delta Watershed	\$211,164	\$0	\$0	Contract being prepared.

Local Watershed Stewardship

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-99-B14	Biological Ag Systems in Cotton-BASIC-Reducing Synthetic Pesticides & Fertilizers in the North San Joaquin Valley	Sustainable Cotton Project	Entire Bay-Delta Watershed	\$460,000	\$460,000	\$76,392	Contract executed 7/31/00.
ERP-99-N18	Levee Setback Geomorphic Model	UC Davis	Entire Bay-Delta Watershed	\$104,458	\$0	\$0	Contract sent, awaiting signature.
ERP-01-N30	Digital Soil Survey Mapping and Digital Orthophotoquad Imagery Development	Natural Resources Conservation Service	Entire Bay-Delta Watershed	\$502,100			

Nonnative Invasive Species

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M15	Introduction of Non-indigenous Aquatic Species Research Program	San Francisco Estuary Institute	Entire Bay-Delta Watershed	\$197,000	\$197,000	\$187,025	Project complete.
ERP-99-F05	Non-native Invasive Species Advisory Council	US Fish and Wildlife Service	Entire Bay-Delta Watershed	\$50,000	\$0	\$2,500	Maintenance work beginning.
ERP-99-F06	Reducing Risk of Importation & Distribution on Non-native Invasive Species Through Outreach & Education	UC Davis	Entire Bay-Delta Watershed	\$105,466	\$105,466	\$0	Contract executed 5/18/00. Implementation begun.
ERP-99-F07	Zebra Mussel Detection & Outreach Project	CA Dept of Water Resources	Entire Bay-Delta Watershed	\$100,000	\$0	\$0	Contract in process.
ERP-99-F08	Purple Loosestrife Prevention, Detection & Control in the Sac/SJ Delta & Associated Hydrologic Units	CA Dept of Food & Ag	Entire Bay-Delta Watershed	\$201,306	\$201,306	\$123,331	Brochure complete, 25 presentations complete, training ongoing, GIS map complete. Project 33% complete.
ERP-99-F09	Introduced Spartina Eradication Project	California Conservation Corps	Entire Bay-Delta Watershed	\$275,000	\$275,000	\$6,166	Contract signed, implementation begun. Amendment for \$25,000 executed 9/11/00.
ERP-99-F10	Practical Guidebook to Prevent & Control for Non-native Invasive Plants in Shallow Water Habitats of the Bay-Delta Ecosystem	San Francisco Estuary Institute	Entire Bay-Delta Watershed	\$76,750	\$0	\$0	Draft contract being reviewed.
ERP-99-F11	Effects of Introduced Clams on the Food Supply of Bay-Delta Fishes	CSU San Francisco	Entire Bay-Delta Watershed	\$100,490	\$100,490	\$0	Contract signed 5/11/00. Implementation has begun.

ERP-99-N09	Effects of Introduced Species of Zooplankton & Clams on the Bay-Delta Food Web	CSU San Francisco	Entire Bay-Delta Watershed	\$653,384	\$0	\$0	Contract executed 4/10/00
ERP-99-N10	Assessing Ecological & Economic Impacts of the Chinese Mitten Crab	UC Berkeley	Entire Bay-Delta Watershed	\$113,033	\$0	\$12,660	Contract signed 4/7/00, no invoice.
ERP-99-N11	Purple Loosestrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	CA Dept of Food & Ag	Entire Bay-Delta Watershed	\$127,473	\$127,473	\$52,169	Contract signed 10-12-99.
ERP-00-F11	Arundo Donax Eradication and Coordination	Sonoma Ecology Center	Entire Bay-Delta Watershed	\$842,587	\$842,587	\$0	Contract executed 7/6/00

Restoration of Multiple Habitats

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-99-N03	East Delta Habitat Corridor (Georgiana Slough)	Habitat Assessment & Restoration Team, Inc	Entire Bay-Delta Watershed	\$1,100,000	\$1,100,000	\$301,273	Contract signed 11/23/99.

Special Status Species

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-01-N43	Genetic Identification of Watershed-Dependent Species of Special Concern in the Central Valley	CSU San Francisco	Entire Bay-Delta Watershed	\$851,669			

Sacramento Region (119 projects)

Channel Dynamics and Sediment Transport

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-95-M04	Gravel Restoration Project	CA Dept of Water Resources	Keswick Dam to Red Bluff Diversion Dam	\$0	\$0	\$0	Project completed
ERP-97-N07	Cottonwood Creek Channel Restoration Planning	Graham Matthews & Associates	Lower Cottonwood Creek	\$61,000	\$61,000	\$26,617	Contract signed 7/1/98. Work is ongoing.
ERP-98-F15	Lower Clear Creek Floodway Restoration Project - Phase 2	Western Shasta RCD	Clear Creek	\$3,559,596	\$3,559,596	\$900,859	Environmental Doc complete, Restoration in progress. Restoration work well underway.

Ecosystem Water & Sediment Quality

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-97-N01	Assessment and Implementation of Urban Use Reduction of Diazion and Chlorpyrifos (Sacramento County)	Sacramento Area Stormwater Permittees	Verona to Sacramento	\$663,500	\$663,500	\$300,135	Contract signed 8/29/98. Most tasks 100% complete. Activity and Evaluation Report complete Sept 99 to Oct 00 complete.
ERP-98-B05	Sand and Salt Creek Watershed Project	Colusa County RCD	Colusa Basin	\$599,000	\$599,000	\$456,186	Baseline data gathered.
ERP-00-B05	Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District	Grassland Water District	Sacramento River	\$671,900	\$0	\$0	Contract being prepared.

Environmental Education

ProjectID	Title	Applicant	Eco-Zone	Awarded	Obligated	Expended	Status
ERP-98-B33	Sacramento River, Headwaters to the Ocean, Public Information and Education	Sacramento River Discovery Center	Red Bluff Diversion Dam to Chico Landing	\$49,640	\$49,640	\$49,640	Bird monitoring program expanded
ERP-98-B35	The Butte Creek Watershed Educational Workshops and Field Tours Series	CSU Chico	Butte Creek	\$33,000	\$33,000	\$8,425	Initial workshop held.
ERP-99-B23	The Learning Watershed Project	American River Watershed Institute	Lower American River	\$56,907	\$56,907	\$11,721	Contract executed 12/08/99

ERP-01-N33	Watershed Education, Headwaters to the Ocean	Sacramento River Discovery Center	Sacramento River	\$321,816			
ERP-01-N35	Watershed Education Project	Chico Unified School District	Butte Basin	\$100,865			
ERP-01-N40	Discover the Flyway II	Yolo Basin Foundation	Yolo Basin	\$197,987			
ERP-01-N42	Educating Farmers and Landowners in Biological Resource Management	Community Alliance with Family Farmers	Yolo Basin	\$1,066,593			

Fish Screens and Passage

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-95-M02	Fish Screen and Ladder Construction	Durham Mutual	Butte Creek	\$316,500	\$316,500	\$316,500	Project Completed.
ERP-95-M03	Construct Fish Ladder on Parrott-Phelan Dam	M&T Ranch/Parrott Investments Co.	Butte Creek	\$0	\$0	\$0	Project completed.
ERP-95-M05	Pump Station Relocation Construction	M&T Ranch/Parrott Investments Co.	Big Chico Creek	\$1,610,000	\$1,610,000	\$1,610,000	Project Completed.
ERP-96-M01	Construct Siphon & Associated Improvements.	Western Canal Water District	Butte Creek	\$3,095,873	\$3,095,873	\$2,986,067	Project Completed. Total cost \$9,128,200, under budget by \$329,419.
ERP-96-M04	Princeton Pumping Plant Fish Screen (Phase 1-Feas.)	RD 1004	Chico Landing to Colusa	\$75,000	\$75,000	\$75,000	Project Completed.
ERP-96-M05	Fish Screen -Feasibility Engineering	Princeton-Codora-Glenn / Provident Irrigation Districts	Chico Landing to Colusa	\$75,000	\$75,000	\$75,000	Project Completed.
ERP-96-M07	Fish Screen Construction	Princeton-Codora-Glenn / Provident Irrigation Districts	Chico Landing to Colusa	\$5,500,000	\$5,500,000	\$4,411,784	Project granted time extension to 12/31/2000. Project is 98% complete.
ERP-96-M17	Yuba River Fish Screen Replacement	Browns Valley Irrigation District	Yuba River	\$114,750	\$114,750	\$110,778	Project completed.
ERP-96-M19	Wilkins Slough - Fish Screen Prelim. Design	RD 108	Colusa to Verona	\$100,000	\$100,000	\$100,000	Project Completed.
ERP-96-M21	Adams Dam Fish Screen & Ladder	El Escalon Ranch	Butte Creek	\$70,304	\$70,304	\$70,301	Project Completed.
ERP-96-M22	Gorriil Dam Fish Screen & Ladder	Gorriil Ranch	Butte Creek	\$67,990	\$67,990	\$67,990	Project Completed.
ERP-97-C01	Wilkins Slough Fish Screen Project (RD 108)	RD 108	Colusa to Verona	\$2,500,000	\$2,500,000	\$2,458,430	Construction complete. Final testing scheduled for spring 2000.
ERP-97-C02	Princeton Fish Screen Construction	RD 1004	Chico Landing to Colusa	\$1,750,000	\$1,750,000	\$1,469,027	Construction complete. Additional testing needed.
ERP-97-C04A	Selected Fish Screens	CA Dept of Fish & Game	Keswick Dam to Red Bluff Diversion Dam	\$374,850	\$374,850	\$67,506	Mill Creek and Deer Creek screens are completed and operational.
ERP-97-M01	Wilson Ranch Fish Screen Project	Deseret Farms of California	Sacramento River	\$200,000	\$0	\$0	Deseret Farms of California considering alternatives following flood damage.
ERP-97-M02	Battle Creek Screens and Fish Passage	CA Dept of Water Resources	Battle Creek	\$395,000	\$395,000	\$26,152	DWR has completed first phase of work; remaining work in progress. Also funded with 99-B16-remaining work to be consistent with \$28million Battle Creek Project.
ERP-97-M03	Gorriil Dam Screen and Ladder	Gorriil Land Company	Butte Creek	\$369,641	\$369,641	\$369,641	Project is complete.
ERP-97-M04	Adams Dam Screen and Passage	Ducks Unlimited, Inc.	Butte Creek	\$217,000	\$217,000	\$216,892	Project is complete.
ERP-97-M05	Saeltzer Dam Fish Passage	Townsend Flat Water Ditch Company	Clear Creek	\$238,200	\$138,200	\$0	Saeltzer Dam removed in late 2000.
ERP-98-B01	Richter Brothers Screen, Phase I	Richter Brothers	Colusa to Verona	\$49,000	\$49,000	\$49,000	Feasibility Study completed.
ERP-98-B02	Boeger Family Farm Screen - Feasibility Study Phase I	Boeger Family Farms	Red Bluff Diversion Dam to Chico Landing	\$15,000	\$15,000	\$13,811	Draft feasibility study completed.
ERP-98-B03	ACID Fish Passage	Anderson-Cottonwood Irrigation District	Keswick Dam to Red Bluff Diversion Dam	\$325,000	\$325,000	\$325,000	Completed.

ERP-98-B16	Battle Creek Screens and Fish Passage	US Bureau of Reclamation	Battle Creek	\$395,000	\$395,000	\$52,620	Completed topographic survey. Also funded with 97-M02
ERP-98-B21	Anadromous Fish Passage at Clough Dam on Mill Creek	CA Dept of Water Resources	Mill Creek	\$1,215,000	\$1,215,000	\$0	Contract executed 7/1/99. Site problems resolved 5/00, amendment granted 7/00 for time extension. Landowner issues. Approved funding reduced to \$1,215,000 by Amendment.
ERP-98-B22	Fish Passage Improvement Project at the Red Bluff Diversion Dam	Tehama-Colusa Canal Authority	Keswick Dam to Red Bluff Diversion Dam	\$340,600	\$340,600	\$340,164	Field study completed.
ERP-98-B24	Anderston Cottonwood Irrigation District Fish Passage and Fish Screen Improvement Project, Phase II, Final Design	Anderson-Cottonwood Irrigation District	Keswick Dam to Red Bluff Diversion Dam	\$860,000	\$860,000	\$840,759	Complete.
ERP-98-B26	Boeger Family Farm Fish screen Phase II: Construction	Boeger Family Farms	Red Bluff Diversion Dam to Chico Landing	\$139,500	\$139,500	\$0	Contract executed 8/10/99. Waiting on COE final decision to "not" set back levees.
ERP-98-B28	City of Sacramento Fish Screen Replacement Project Phase 2 - Design	City of Sacramento	Verona to Sacramento	\$654,500	\$654,500	\$0	Contract executed 9/13/00. Funds/work will be expended/complete by 12/31/00.
ERP-98-B29	American Basin Fish Screen and Habitat Improvement Project	Natomas Mutual Water Company	Verona to Sacramento	\$200,000	\$200,000	\$118,595	Contract executed 9/17/99. Project 45% complete. Completed engineering analysis of the alternatives for Feasibility Study, report being prepared.
ERP-98-N01	RD 2035 Fish Screen	RD 2035	Verona to Sacramento	\$100,000	\$100,000	\$0	Contract executed 3/31/99. Subcontract approved. Fish screen feasibility study complete.
ERP-98-N04	Small Fish Screen Evaluation	Pelgar Mutual Water Company	Colusa to Verona	\$95,000	\$0	\$0	Various issues being considered by NMFS.
ERP-99-B01	Battle Creek Salmon and Steelhead Restoration Project	Pacific Gaz & Electric	Battle Creek	\$28,000,000	\$28,000,000	\$2,528,899	Contract being prepared. Program supervisor hired.
ERP-99-B02	Lower Butte Creek Project Phase II	Ducks Unlimited, Inc.	Butte Sink	\$775,000	\$750,000	\$181,107	Contract executed 9/1/99. Meetings and contractors surveys conducted. Additiona hydrology and geotechnical information developed and analyzed. Findings reported in Preliminary Draft Management Plan 7/00.
ERP-99-B03	ACID Fish Passage and Fish Screen Improvement Project, Phase III	Anderson-Cottonwood Irrigation District	Keswick Dam to Red Bluff Diversion Dam	\$5,253,000	\$5,253,000	\$2,445,499	Contract executed 8/6/99. Project underway.
ERP-99-B07	Fish Passage Improvement Project at the Red Bluff Diversion Dam	Tehama-Colusa Canal Authority	Keswick Dam to Red Bluff Diversion Dam	\$1,030,000	\$1,030,000	\$624,164	Contract executed 3/10/00. Ground and aerial surveys, topographic, digital base mapping, and schematic facilities design completed. \$101,9420 amendment to contract signed 9/11/00.
ERP-99-B08	Improve Upstream Ladder & Barrier Weir @Coleman Nat'l Fish Hatchery at Battle Creek	US Fish and Wildlife Service	Battle Creek	\$2,500,000	\$2,500,000	\$10,887	Contract executed 9/7/99. Survey and construction work has started. Design and environmental work is expected to be completed by 5/01.
ERP-99-N01	ACID Fish Screen	Anderson-Cottonwood Irrigation District	Keswick Dam to Red Bluff Diversion Dam	\$5,100,000	\$5,100,000	\$4,090,027	Contract signed 8/3/99. RFP for construction has been sent.
ERP-00-B01	City of Redding Water Utility Fish Screen Rehabilitation	City of Redding	Sacramento River	\$510,262	\$496,126	\$726	Contract being prepared.
ERP-00-B02	Maxwell Irrigation District Tuttle Pump Relocation Project	Maxwell Irrigation District	Sacramento River	\$440,737	\$0	\$0	Contract being prepared.
ERP-00-R01	Sacramento River Small Diversion Fish Screen Program - Mechanical Monitoring and Maintenance Project	Family Water Alliance	Sacramento River	\$322,081	\$322,081	\$0	
ERP-01-N51	City of Sacramento Intake Fish Screen Replacement Project	City of Sacramento	Verona to Sacramento	\$6,020,995			
ERP-01-N52	Sacramento River Fish Small Screen Project Vertical River Pump Diversions	Natural Resources Conservation Service	Chico Landing to Colusa	\$1,800,000			
ERP-01-N53	White Mallard Dam and Associated Diversions	California Waterfowl Association	Butte Sink	\$84,938			

ERP-01-N54	Lower Butte Creek Project: Phase III Facilitation/Coordination and Construction of Three Fish Passage Modifications to Sutter Bypass West Side Water Control Structures	Ducks Unlimited, Inc.	Sutter Bypass	\$4,783,719				
ERP-01-N55	RD 2035 Fish Screen Design and Environmental Review	Reclamation District 2035	Yolo Basin	\$1,820,000				
ERP-01-N58	Fish Passage Improvement Project at the Red Bluff Diversion Dam - Balance of Phase II Funding with Requested Change of Scope	Tehama-Colusa Canal Authority	Red Bluff Diversion Dam to Chico Landing	\$1,574,000				
ERP-01-N60	American Basin Fish Screen & Habitat Improvement Project	Natomas Mutual Water Company	Verona to Sacramento	\$950,000				

Fishery Assessment

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M12	Battle Creek - Chinook Salmon & Steelhead Restoration Study	Bill Keir Associates	Battle Creek	\$306,000	\$306,000	\$306,000	Project Completed.
ERP-98-C12	Genetic Comparison of Steelhead Stocks in Clear Creek	US Fish and Wildlife Service	Clear Creek	\$45,493	\$45,493	\$0	Contract amended to resolve 10% retention issue.
ERP-98-C13	Spawning Areas of Green Sturgeon in the Upper Sacramento River	US Fish and Wildlife Service	Keswick Dam to Red Bluff Diversion Dam	\$60,801	\$60,801	\$0	Contract amended to resolve 10% retention issue.
ERP-98-C14	Monitoring Spring and Winter-run Chinook Salmon and Steelhead in Battle Creek	US Fish and Wildlife Service	Battle Creek	\$150,000	\$150,000	\$0	Contract amended to resolve 10% retention issue.
ERP-98-N03	Life History and Stock Composition of Steelhead Trout	Yuba County Water Agency	Yuba River	\$120,000	\$120,000	\$3,431	Contract signed 6/9/99.
ERP-01-N44	Estimating the Abundance of Sacramento River Juvenile Winter Chinook Salmon with Comparisons to Adult Escapement	US Fish & Wildlife Service	Red Bluff Diversion Dam to Chico Landing	\$1,081,638			
ERP-01-N45	Battle Creek Anadromous Salmonid Monitoring Projects	US Fish & Wildlife Service	Battle Creek	\$1,576,152			
ERP-01-N46	Sacramento River Winter Chinook Salmon Carcass Survey	US Fish & Wildlife Service	Keswick Dam to Red Bluff Diversion Dam	\$305,273			
ERP-01-N47	Clear Creek Juvenile Salmonid Monitoring Project	US Fish & Wildlife Service	Clear Creek	\$871,026			
ERP-01-N49	Butte Creek, Big Chico Creek, and Sutter Bypass Chinook Salmon and Steelhead Evaluation	CA Dept of Fish & Game	Big Chico Creek	\$280,951			

Flood Plains and Bypasses

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N12	Yolo Bypass Management Strategy, Phase II	Yolo Basin Foundation	Yolo Basin	\$210,000			

Local Watershed Stewardship

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M24	Butte Creek - Watershed Management Strategy Plan	CSU Chico	Butte Creek	\$83,000	\$83,000	\$57,722	90% complete.
ERP-96-M25	Battle Creek - Chinook Salmon & Establish Watershed Conservancy	Western Shasta RCD	Battle Creek	\$50,000	\$50,000	\$45,118	Project is 90% complete. Waiting for supplemental funding from USFWS.

ERP-97-B01	Watershed Improvements/Sediment Stabilization (Deer, Mill, Antelope Creeks)	US Forest Service	Butte Basin	\$371,000	\$371,000	\$302,710	Implemented erosion control measures at known sites. Three additional demonstration projects were completed. Effectiveness monitoring completed on demo projects completed last year. Finalized agreement with Battle Creek Conservancy for inventory work.
ERP-97-C03	Watershed Management Planning for Sacramento River Riparian Program	CA Dept of Water Resources	Sacramento River	\$200,000	\$200,000	\$67,955	Fully executed 7/30/98. DWR completed subcontract with Chico State for the program.
ERP-97-E01	Watershed Plan (Big Chico Creek)	Big Chico Creek Watershed Alliance	Big Chico Creek	\$422,830	\$422,830	\$361,805	Project nearing completion.
ERP-97-E02	Watershed Planning (Deer Creek) Implementation Program	Deer Creek Watershed Conservancy	Deer Creek	\$196,554	\$196,554	\$135,181	Project nearing completion.
ERP-98-E05	Cottonwood Creek Watershed Group Formation	Cottonwood Creek Watershed Group	Upper Cottonwood Creek	\$161,000	\$161,000	\$48,025	Contract negotiations for mapping work nearing completion. Technical Advisory & Watershed groups prioritizing rehab projects.
ERP-98-E06	Battle Creek Watershed Stewardship	Battle Creek Watershed Conservancy	Battle Creek	\$145,000	\$145,000	\$17,287	First community meeting conducted. Fire defense improvement subcontracts nearly completed. Easement work commenced.
ERP-98-E10	South Yuba River Coordinated Watershed Management Plan	CA Dept of Pesticide Regulation	Yuba River	\$264,000	\$264,000	\$0	Preliminary private property survey results being reviewed. Staff held four agency meetings & one recreation comm. Meeting.
ERP-98-E13	Union School Slough Watershed Improvement Program	National Audubon Society	Willow Slough	\$636,000	\$636,000	\$213,643	Held restoration training workshops for landowners. Planted native veg. Around tailwater pond, began implementation plans for new tailwater ponds. Planted native veg along irrigation canal.
ERP-98-E14	American River Integrated Watershed Stewardship Strategy	Placer County RCD	Lower American River	\$220,750	\$220,750	\$15,507	Interagency Watershed Assessment group is reviewing Plan objectives, key resources, and GIS management approaches. Draft Watershed Assessment Workplan completed.
ERP-98-E15	Sulphur Creek Coordinated Resource Management Planning Group	Sacramento Watersheds Action Group	Clear Creek	\$23,828	\$23,828	\$7,800	CRMP continues its monthly meetings. Group has applied for Conatata 2000 grant for restoration of Sulphur Creek.
ERP-98-E16	Lower Putah Creek Watershed Stewardship Program	Solano County	Putah Creek	\$100,500	\$100,500	\$898	3/20/00 Recipient Agreement signed. Work is underway.
ERP-98-F01	Butte Creek Watershed Restoration Implementation	Butte Creek Watershed Conservancy	Butte Creek	\$302,867	\$302,867	\$255,882	Project 85% complete. Road surveys completed and final report submitted for editing, completion date projected as the end of July '00. Contract executed 9/13/98.
ERP-99-B15	Duncan/Long Canyon Paired - Watershed Project	Placer County Water Agency	Lower American River	\$86,108	\$85,141	\$39,472	Contract executed 11/19/99. Background hydrologic data for two watersheds acquired and meetings held with landowner. Further progress waiting the initiation of NF/MF American River watershed GIS work by the USFS scheduled for 7/00.
ERP-99-N14	Colusa Basin Watershed Project	Colusa County RCD	Colusa Basin	\$492,500	\$0	\$0	Approved by Secretary
ERP-99-N16	Clear Creek Prescription	Western Shasta RCD	Clear Creek	\$256,260	\$256,260	\$36,118	Contract Executed 5/8/00
ERP-99-N17	Yuba Watershed Council	Yuba Watershed Council/Nevada City RCD	Yuba River	\$142,618	\$142,618	\$23,812	Contract signed 6/29/00, no invoice.
ERP-99-N19	American River (South and Middle Fork) Watershed Stewardship Project	Georgetown Divide Resource Conservation District	American Basin	\$203,250	\$0	\$0	Contract under negotiation
ERP-99-N21	Development of a River corridor Management Plan for the Lower American River	Sacramento City Water Forum	Lower American River	\$250,000	\$0	\$0	Contract under negotiation
ERP-00-E01	Last Chance Creek Watershed Restoration Project--Ferris Meadow Reach--Feather River Coordinated Resource Management (FR-CRM)	Feather River Coordinated Resource Management	Feather River	\$1,009,400	\$1,009,400	\$0	Contract executed 5/25/00.

ERP-00-E03	Cottonwood Creek Watershed Monitoring and Assessment	Cottonwood Creek Watershed Group	Cottonwood Creek	\$360,500	\$360,500	\$0	Contract executed 5/25/00.
ERP-01-N26	Lassen National Forest Watershed Stewardship Within the Anadromous Watersheds of Butte, Deer, and Mill Creeks	US Forest Service	Mill Creek	\$849,845			
ERP-01-N28	Sacramento River Conservation Area Program	CSU Chico	Sacramento River	\$326,991			
ERP-01-N31	Willow Slough Watershed Rangeland Stewardship Program	National Audubon Society	Yolo Basin	\$1,800,668			

Natural Flow Regimes

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N02	Real-Time Flow Monitoring	CA Dept of Water Resources	Butte Basin	\$418,700			

Nonnative Invasive Species

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N04	Arundo Donax: Survey and Eradication	CSU Chico	Sacramento River	\$360,000			

Restoration of Multiple Habitats

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M16	Sacramento River and Major Tributaries - Corridor Mapping Project	CSU Chico	Sacramento River	\$145,200	\$145,200	\$61,342	Project 80% complete.
ERP-97-N02	Sacramento River Floodplain Acquisition and Riparian Restoration	Wildlife Conservation Board	Sacramento River	\$9,879,800	\$9,879,800	\$8,253,005	Contract signed 2/4/99. Two properties purchased.
ERP-97-N03A	Sacramento River Acquisition and Riparian Forest Restoration		Sacramento River	\$780,000	\$780,000	\$455,882	Contract signed 12/8/98. Property acquired and restoration project-planting and monitoring have begun.
ERP-97-N03B	Sacramento River Floodplain Acquisition and Riparian Restoration	Wildlife Conservation Board	Sacramento River	\$512,500	\$512,500	\$255,248	Contract signed 7/20/99
ERP-97-N04	Sacramento River Meander Restoration	The Nature Conservancy	Sacramento River	\$898,700	\$898,700	\$851,873	Contract signed 10/28/98. Property purchased. Completing subcontracts for site preparation and planting.
ERP-97-N05	Restoration Planning (M and N Fork American River, Auburn Ravine, Coon Creek)	Placer County	American Basin	\$222,530	\$222,530	\$9,791	Contract executed 3/29/99.
ERP-98-F03	Butte Creek Acquisition and Riparian Restoration	CSU Chico	Butte Creek	\$125,000	\$125,000	\$125,000	Property acquired 12/98 also funded with 97-N06. Contract executed 2/11/99. Land purchased to be used to develop a Riparian Restoration Research Preserve.
ERP-98-F04	Lower Mill Creek Riparian Restoration - Phase I	Mill Creek Conservancy	Mill Creek	\$30,000	\$30,000	\$21,885	Property acquired 12/98. Restoration funded with 97-N08. Maps produced and monitoring report for project at Runyon site completed.
ERP-98-F18	Floodplain Acquisition, Management, and Monitoring on the Sacramento River	The Nature Conservancy	Sacramento River	\$1,000,000	\$1,000,000	\$1,000,000	Acquisition negotiations underway.
ERP-99-B09	Development of Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration	Surface Water Resources, Inc.	Yuba River	\$3,000,000	\$3,000,000	\$0	Contract will be awarded by 11/01/00.
ERP-00-F03	Floodplain Acquisition and Subreach/Site-Specific Management Planning on the Sacramento River (Red Bluff to Colusa)	The Nature Conservancy	Sacramento River	\$534,570	\$534,570	\$0	Contract executed 7/6/00

Riparian Habitat

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M03	Riparian Habitat Restoration Verona-Collinsville (Phase 1-Feas.)	US Army Corps of Engineers	Verona to Sacramento	\$500,000	\$500,000	\$254,379	Demo project 80% complete. Corps needs additional funding. Project work on hold.
ERP-97-N06	Butte Creek Acquisition and Riparian Restoration	CSU Chico	Butte Creek	\$187,128	\$187,128	\$166,542	Contract signed 12/21/98. Property acquired. Also funded with 98-F03. Ecological Reserve Management Plan received. Amendment for \$1,000 approved 7/99.
ERP-97-N08	Lower Mill Creek Riparian Restoration - Phase II	Mill Creek Conservancy	Mill Creek	\$69,000	\$69,000	\$17,273	Contract signed 12/29/98. Property acquired and site restoration plan and monitoring protocol received. Acquisition also funded with 98-F04
ERP-98-F20	Deer and Mill Creeks Acquisition and Enhancement	The Nature Conservancy	Mill Creek	\$1,000,000	\$1,000,000	\$4,418	Acquisition negotiations continuing.
ERP-98-F24	Butte Creek Riparian Restoration Demonstration	CSU Chico	Butte Creek	\$76,348	\$76,348	\$5,356	Planning and designing for restoration , trails and signage underway.
ERP-99-B12	Riparian Corridor Acquisition & Restoration Assessment	US Bureau of Land Management	Sacramento River	\$2,240,250	\$2,176,017	\$1,017	Contract executed 3/31/00. Conveyance of easements, Phase I, planned to occur in Aug 2000. Phase II will occur following resolution of title issues involving State Lands Commission and accreted lands.
ERP-99-N04	Lake Red Bluff Riparian Area Restoration & Education Support Project	California Conservation Corps	Keswick Dam to Red Bluff Diversion Dam	\$29,114	\$29,114	\$26,179	Contract executed 4/4/00

Shallow Water Tidal and Marsh Habitat

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N16	Butte Creek/Sanborn Slough Bifurcation Upgrade Project	California Waterfowl Association	Butte Basin	\$1,000,000			

Uplands and Wildlife Friendly Agriculture

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N24	Battle Creek Riparian Protection	The Nature Conservancy	Battle Creek	\$1,000,000			
ERP-01-N25	Sustaining Agriculture and Wildlife Beyond the Riparian Corridor	Yolo County RCD	Willow Slough	\$1,464,167			

San Joaquin Region (42 projects)**Channel Dynamics and Sediment Transport**

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-C11	Gravel at Basso Bridge	CA Dept of Fish & Game	Tuolumne River	\$250,975	\$250,975	\$4,202	All permits received. Construction complete. Monitoring started in September 1999.
ERP-97-M08	Tuolumne River Channel Restoration (Pool 9)	Turlock Irrigation District	Tuolumne River	\$2,353,100	\$0	\$0	CVPIA is funding engineering work. Final design 30% complete, for summer of 2001.
ERP-97-M09	Tuolumne River Mining Reach Restoration	Turlock Irrigation District	Tuolumne River	\$2,801,000	\$0	\$0	CALFED approved \$707,000 additional funding for project. Draft contract complete. Also funded with 98-F06.
ERP-97-N21	Knights Ferry Gravel Replenishment	Carl Mesick Consultants	Stanislaus River	\$536,410	\$536,410	\$527,765	Contract signed 9/30/98. Gravel placement almost complete, monitoring has begun.
ERP-98-C04/C05	Basso Bridge and Merced River Ranch Land Acquisition	CA Dept of Fish & Game	Tuolumne River	\$830,500	\$830,500	\$349,163	Escrow closed on both acquisitions.
ERP-98-F06	Tuolumne River Setback Levees and Channel Restoration	Turlock Irrigation District	Tuolumne River	\$1,362,000	\$655,700	\$0	Also funded with 97-M09. Design 90% complete. To date only AFRP and TID funds have been expended on pre-project construction tasks. Amendment for add'l \$707,000 approved 9/99.

ERP-98-F11	Phase 3 - Merced River Salmon Habitat Enhancement	CA Dept of Fish & Game	Merced River	\$2,433,759	\$2,433,759	\$0	Surveys environmental documentation and preliminary design in progress. Enlarged scope was submitted as separate project under 2001 solicitation project.
ERP-99-B04	Merced River Salmon Habitat Enhancement; Lower Stone	CA Dept of Water Resources	Merced River	\$130,000	\$125,000	\$4,367	Contract being prepared. State receivable issues.
ERP-99-B05	Merced River Salmon Habitat Enhancement; Ratzlaff Reach	CA Dept of Water Resources	Merced River	\$1,586,350	\$1,586,350	\$1,586,351	Contract executed 9/21/99. Staff submitted abstracts (poster and related presentation) for the CALFED Science Conference Fall 2000. Project complete.
ERP-99-F01	Tuolumne River Run Pool 10 Restoration	Turlock Irrigation District	Tuolumne River	\$165,000	\$165,000	\$0	Contract being prepared. Construction to occur Summer 2000.
ERP-99-F02	Tuolumne River Mining Reach Restoration	Turlock Irrigation District	Tuolumne River	\$3,332,050	\$3,332,050	\$0	Contract executed 4/11/99. Field monitoring and monitoring report for 1999 completed. SRP 10 dike break repair scheduled for Summer 2001.
ERP-01-N03	Tuolumne River Restoration: Special Run Pool 10	Turlock Irrigation District	Tuolumne River	\$543,530			
ERP-01-N06	Revised Phase 2 - Merced River Salmon Habitat Enhancement: River Mile 42 to 44 (Robinson Ranch Site)	CA Dept of Fish & Game	Merced River	\$1,699,101			
ERP-01-N09	Tuolumne River Fine Sediment Management	Turlock Irrigation District	Tuolumne River	\$910,486			
ERP-01-N61	Tuolumne River Mining Reach Restoration No 3, Warner-Deardorff Segment	Turlock Irrigation District	Tuolumne River	\$910,486			

Ecosystem Water & Sediment Quality

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-C08	San Joaquin River Real-time Water Quality Management Program	CA Dept of Water Resources	San Joaquin River	\$931,857	\$931,857	\$0	Water quality sampling and analysis ongoing. San Joaquin River Real-time Water Quality Forecast available on web to MOU cosigners each week.
ERP-98-B14	Bacterial treatment of Selenium in the Panoche Drainage	UC Davis	West San Joaquin Basin	\$1,149,000	\$1,149,000	\$790,649	Continuous monitoring system for flow and water quality has had operational problems have been partially solved. ABSR System continues to be tested for selenium removal. Two potential sites selected for ABSR System. Website
ERP-99-B16	Determination of the Causes of Dissolved Oxygen Depletion in the SJ River	CA Dept of Water Resources	San Joaquin River	\$892,400	\$892,400	\$1,867	Contract executed 5/16/00. Subcontracts being prepared by DWR.

Environmental Education

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-B30	San Joaquin Valley Salmonids in the Classroom Program Enhancement	CA Dept of Fish & Game	San Joaquin River	\$3,000	\$3,000	\$0	Executed 4/23/99. 50% complete.
ERP-98-B40	Tuolumne River Natural Resources Program	City of Modesto	Tuolumne River	\$94,213	\$55,255	\$17,026	Phase I complete. 37 workshops were conducted with great results. Over 80% of the teachers requested a repeat performance next year. Amendment for \$10,555 approved 7/99.
ERP-99-B25	River Studies Center Exhibits & Programs	SJ River Parkway & Conservation Trust	San Joaquin River	\$70,467	\$68,415	\$39,926	Contract executed 1/3/00.

Environmental Water Management

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-99-B29	San Joaquin River Pilot Project	Friant Water Users Authority	San Joaquin River	\$2,575,000	\$2,575,000	\$1,538,446	Contract executed.
ERP-99-B30	Water Acquisition	Oakdale & South San Joaquin Irrigation District	Stanislaus River	\$3,090,000	\$3,090,000	\$3,007,488	Project completed 8/31/99.

ERP-00-B04	Focused Action to Develop Ecologically-based Hydrologic Models and Water Management Strategies in the San Joaquin Basin	Natural Heritage Institute	San Joaquin River	\$304,803	\$0	\$0	Contract being prepared.
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Fish Screens and Passage

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-96-M20	Fish Screen Project	Banta-Carbona Irrigation District	San Joaquin River	\$100,000	\$0	\$0	Funding rescinded by mutual consent due to timing.
ERP-97-M07	S-J River & Fish Screen (Banta-Carbona Irrigation District) Project	Banta-Carbona Irrigation District	San Joaquin River	\$938,875	\$938,875	\$21,133	Contract signed 9/1/99.
ERP-01-N56	Patterson Irrigation District Positive Barrier Fish Screen on San Joaquin River Diversion	Patterson Irrigation District	Vernalis to Merced River	\$175,000			

Fishery Assessment

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-C09	Developing a Genetic Baseline for San Joaquin Salmon	CA Dept of Fish & Game	San Joaquin River	\$387,003	\$387,003	\$0	Salmon carcass surveys were performed on three tributaries to San Joaquin River. Carcass survey report completed.
ERP-98-C11	Chinook Salmon Movement in the Lower SJR and South Delta	CA Dept of Fish & Game	Vernalis to Merced River	\$285,000	\$285,000	\$0	Field being wrapped up. Starting data analysis.
ERP-99-B19	Health Monitoring of Hatchery & Natural Fall-run Chinook in SJ River	US Fish and Wildlife Service	San Joaquin River	\$38,996	\$38,996	\$38,996	Project Completed.

Flood Plains and Bypasses

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-F21	Lower San Joaquin River Floodplain Protection and Restoration Project	US Fish and Wildlife Service	Vernalis to Merced River	\$1,100,000	\$1,100,000	\$625,406	Appraisals, environmental document completed. Arambel Rose Property (240 acres) has been acquired.
ERP-99-R01	Floodplain Easements; Lower Tuolumne and San Joaquin (DA9)	Natural Resources Conservation Service	Tuolumne River	\$1,545,000	\$1,545,000	\$870,266	Contract executed 7/27/99. Project underway.
ERP-00-F01	Tuolumne River Bobcat Flat Floodplain Acquisition	Friends of the Tuolumne, Inc	Tuolumne River	\$2,043,850	\$2,043,850	\$0	Contract executed 7/6/00

Local Watershed Stewardship

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-E09	Merced River Corridor Restoration Plan	Stillwater Sciences	Merced River	\$300,000	\$300,000	\$217,036	Project Team continued baseline evaluations, conducted meetings, expanded outreach. Also conducted second round of review on draft report of opportunities & constraints.
ERP-00-E02	Panoche/Silver Creek Watershed Management/Action Plan	Westside RCD	West San Joaquin Basin	\$873,440	\$873,440	\$0	Contract executed 5/25/00.
ERP-00-E05	Merced River Corridor Restoration Project Phase III	Stillwater Sciences	Merced River	\$235,870	\$235,870	\$0	Contract signed 10/30/00

Restoration of Multiple Habitats

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-97-B04	Acquisition and Restoration of Refuge lands (SJR NWR)	US Fish and Wildlife Service	San Joaquin River	\$10,827,000	\$10,827,000	\$2,131,129	One parcel acquired, appraisals underway on other parcels. Amendment for \$300,000 approved 7/99. Closure expected soon. Time extension to 3/31/01.
ERP-97-B05	Bear Creek Floodplain Restoration Demonstration Project (SLNWR)	US Fish and Wildlife Service	San Joaquin River	\$334,000	\$334,000	\$331,408	Hydraulic modeling underway. Contract executed 5/26/00.

ERP-01-N08	San Joaquin River NWR Riparian Habitat Protection & Floodplain Restoration Project - Phase II	US Fish & Wildlife Service	Vernalis to Merced River	\$7,646,233
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Riparian Habitat

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-98-F07	Grayson River Ranch Perpetual Easement and Restoration	East Stanislaus RCD	Tuolumne River	\$732,000	\$732,000	\$181,825	Perpetual conservation easement complete on 6/17/99. Restoration work is underway. Excess funds still exist and may be used to fund other project needs.
ERP-00-F04	A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase I & II	Stillwater Sciences	San Joaquin River	\$230,376	\$230,376	\$0	Contract executed 7/6/00

Special Status Species

<i>ProjectID</i>	<i>Title</i>	<i>Applicant</i>	<i>Eco-Zone</i>	<i>Awarded</i>	<i>Obligated</i>	<i>Expended</i>	<i>Status</i>
ERP-01-N11	Habitat Acquisition for Riparian Brush Rabbit and Riparian Woodrat	US Fish & Wildlife Service	Stanislaus River	\$2,720,085			

\$335,810,003 awarded for 323 projects in the ERP Program